

UK 78282 hydrochloride

## Chemical Properties

CAS No.:	136647-02-4
Formula:	C <sub>29</sub> H <sub>35</sub> NO <sub>2</sub> ·HCl
Molecular Weight:	466.05
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

## Biological Description

Description	KV1.3 and KV1.4 voltage-gated potassium channel blocker
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## Solubility Information

Solubility	Ethanol: <13.98mg/ml DMSO: <23.3mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.146 mL	10.728 mL	21.457 mL
5 mM	0.429 mL	2.146 mL	4.291 mL
10 mM	0.215 mL	1.073 mL	2.146 mL
50 mM	0.043 mL	0.215 mL	0.429 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

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